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NPIC/R-5010/64

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5 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

**GUIDED MISSILE R & D PLANT  
NO 301, KHIMKI,  
MOSCOW, USSR**

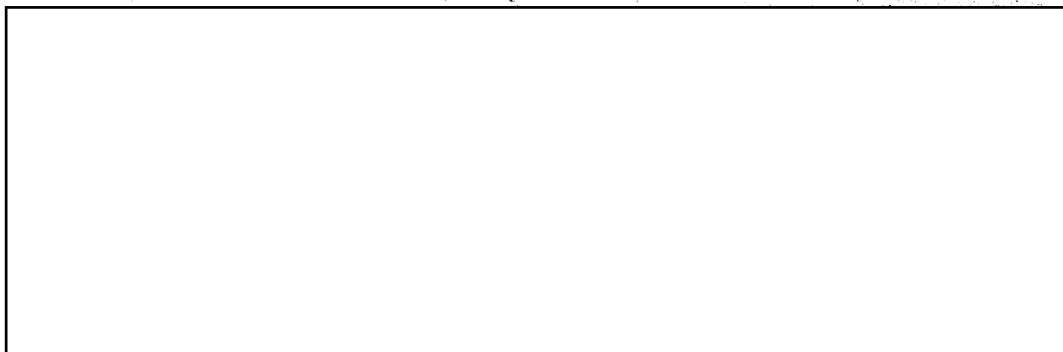


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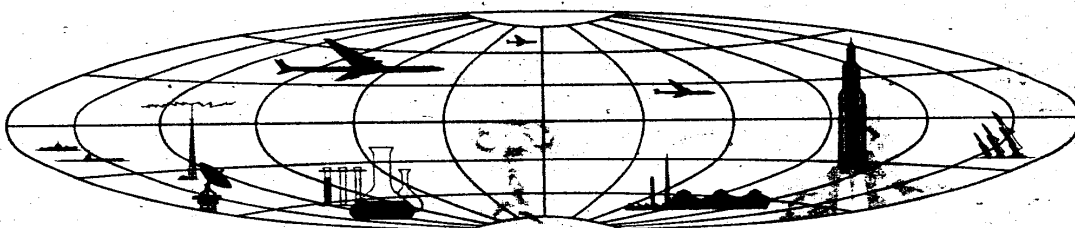


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Declass Review by  
NIMA/DOD

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GROUP 1  
Excluded from automatic  
downgrading and declassification

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# GUIDED MISSILE R & D PLANT NO 301, KHMINKI, MOSCOW, USSR

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This research and development plant for guided missiles [ ] and its associated test facility are situated approximately 11 nautical miles (nm) northwest of the center of Moscow, USSR (Figure 1). The plant is about 0.5 nm south of the site of the former Moscow/Khimki Airfield North (now a probable missile guidance calibration grid) at 55-54N 37-26E, and the test area is about 200 yards north of the former airfield at 55-55N 37-26E (Figures 2 and 3).

Dimensions of the major buildings of Plant No 301 are presented in the tabular inset on Figure 3. Seven buildings (items 10 through 16, Figure 3) in the Plant Area were in existence [ ] when photographed [ ]. These buildings presently constitute most, if not all, of the fabrication and assembly facilities of Plant No 301.

A triple-winged, multistory structure (item 20) in the northwestern corner of the Plant Area as shown on Figures 2 and 3 may not be a part of Plant No 301 since the northwestern boundary of the plant is indeterminate; this building could house engineering design or laboratory functions or any combination of such activities. A rectangular structure (item 21) in the southern part of the Plant Area appears to be the administrative headquarters of the plant and is the only major structure erected [ ]. Other construction [ ] appears to consist of warehousing and shop-type buildings. There are indications on photography [ ] that one of the original buildings (item 12) had been rebuilt or perhaps reroofed. The southeast half of an adjacent building (item 11) was apparently torn down [ ] since photography of that date shows the [ ].

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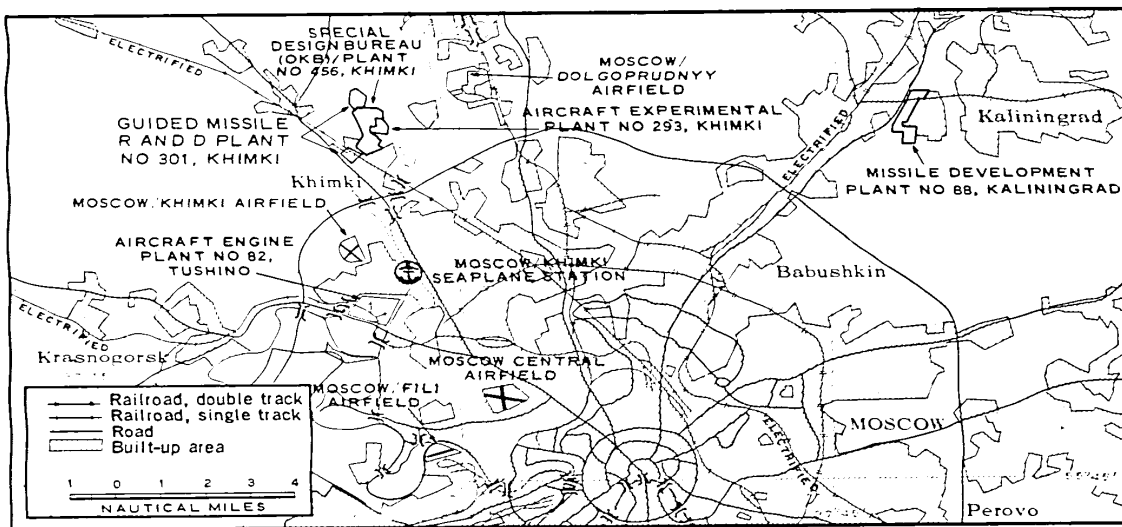


FIGURE 1. LOCATION MAP

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- 1 -

TOP SECRET

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NPIC/R-5010/64



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FIGURE 2. MOSCOW GUIDED MISSILE R & D PLANT NO 301, KHIK

- 2 -

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NPIC/R-5010/64

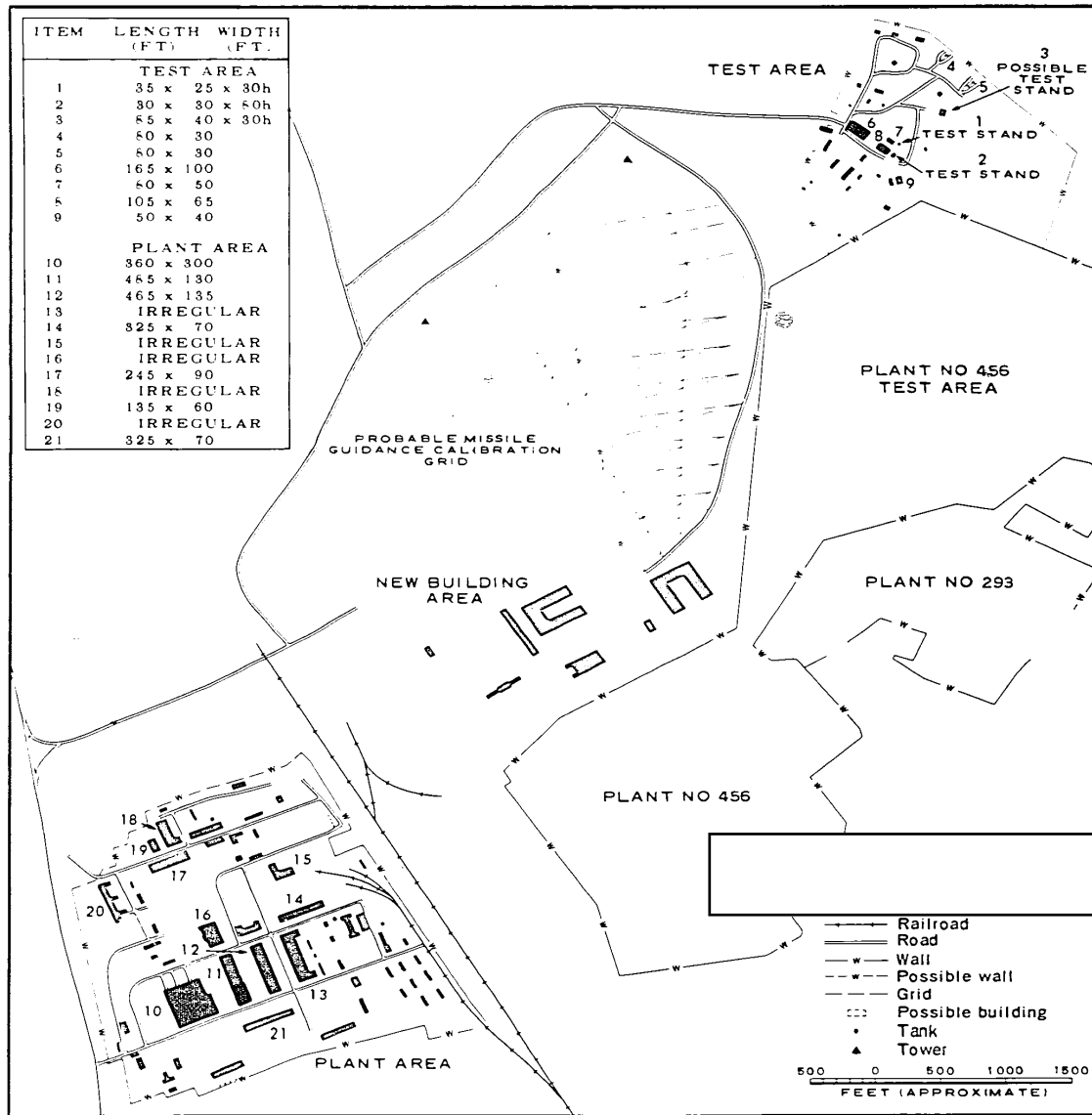


FIGURE 3. MOSCOW GUIDED MISSILE R & D PLANT NO 301, KHMKI.

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new walls partially complete. Reconstruction of this building appeared essentially complete on photography [redacted]

The association of the designated Test Area (Figure 3) with Plant No 301 is based on collateral evidence which establishes the existence of the test site in [redacted] 1/ The chronological development of the facilities in the Test Area is difficult to determine because of inadequate photographic coverage [redacted]

[redacted] photography does not show any development of what is now the Plant No 301 Test Area. On photography [redacted] certain features of the test facility can be recognized, but at that time an evaluation of the nature of the facilities or of the stage of completion could not be made because of the poor quality of the photography. The Test Area took shape gradually on subsequent photography [redacted] a building (item 7) near the center of the area and one bay of another building (item 6) were clearly visible, and there were indications

of the existence of several other structures.

[redacted] Test Stands 1 and 2, a second bay of Building 6, and nearly all the structures that make up the test facility as shown on Figure 3 had apparently been completed. A new unidentified structure just south of the entrance on the west side of the Test Area is evident on photography [redacted] A perspective drawing (Figure 4) is an artist's concept of Test Stands 1 and 2, of their checkout buildings (items 7 and 8) and another associated building (item 6), and it shows the relationship of the stands to each other, to the topography, and to the nearby structures.

The former Moscow/Khimki Airfield North which lies between Plant No 301 and its Test Area was transformed into a probable missile guidance calibration grid sometime [redacted] [redacted] (Figures 2 and 3). It consists of two sets of grid lines, two towers, and several buildings, and it may have been designed for the purpose of calibrating guidance equipment for the early SAM systems. A new

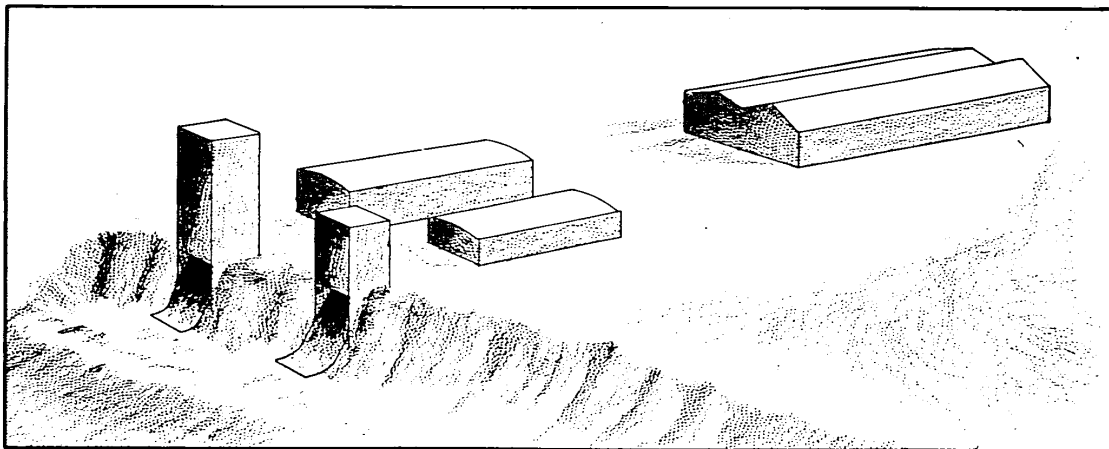


FIGURE 4. TEST STANDS 1 AND 2 AND ASSOCIATED BUILDINGS.

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NPIC/R-5010/64

building area immediately south of the grid (Figures 2 and 3) was under construction when first seen [redacted] and now appears completed. The grid system and the new building area may be functionally related to Plant

No 301, although they are excluded from the adjacent Test Area by a solid wall and have no visible direct connection with the Plant Area.

#### REFERENCES



#### MAPS AND CHARTS

ACIC. US Air Target Mosaic, Series 50, Sheet 0167-5/1MA, 1st ed, May 51, scale 1:50,000 (SECRET)

#### DOCUMENTS

1. CIA. Report, Nov 55 (SECRET)

#### REQUIREMENT

CIA. C-RR4-61,670

#### NPIC PROJECT

N-563/64 (partial answer)

- 5 -

TOP SECRET

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